

COMDTPUB P16700.4  
NVIC 0-97

NAVIGATION AND VESSEL INSPECTION CIRCULAR NO. 0-97

*Electronic Version For Distribution on the World Wide Web*

Nov. 21, 1996

Subj: INDEX OF NAVIGATION AND VESSEL INSPECTION CIRCULARS (NVICS)

1. PURPOSE. This Circular provides the current listing of NVICs. NVICs are issued by Coast Guard Headquarters in the form of duplicated circulars. Their purpose is to inform the public of Coast Guard guidance, requirements or information regarding marine safety activities.
2. PERIODICALS AFFECTED. NVIC No.0-96 is canceled.
3. DISCUSSION. Enclosure (1) lists those NVICs issued prior to the date of this NVIC and those canceled since NVIC 0-96. It shows the NVIC number, the Title of the NVIC and the NTIS stock number. Enclosure (2) is an alphabetical listing of NVICs.
4. PROCEDURES.
  - a. NVICs Will be available in paper or CDROM for a fee. Orders should be sent to

National Technical Information Services  
5285 Port Royal Road  
Springfield, VA 22161  
Phone: (703) 487-4650  
TDD: (703) 487-4639 (hearing impaired only)  
RUSH Service: 1-800 553-NTIS (available for an additional fee)  
Fax: (703)321-8547

- b. Current calendar year NVICs (1997) are available through the subscription and ordering service of the U.S. Government Printing Office.

Superintendent of Documents  
U.S. Government Printing Office  
Washington, D.C. 20402  
Phone: (202) 512-1800

- c. NVICs are located on the World Wide Web at:  
<http://www.dot.gov/dotinfo/uscg/hq/g-m/gmhome.htm> Go to "Publications, Reports and Forms"

End: (1) Numbered Index of NVICs Showing NVIC Number, Title and NTIS Stock Number  
(2) Alphabetical Index of NVICs Showing Title and NVIC Number

**List of Effective NVICs by NVIC Number**

<u>NVIC NUMBER</u>	<u>SUBJECT</u>	<u>NTIS SK NO</u>
7-56	Manned LSTs; Structural Reinforcement and Drydocking; Hull Inspection Requirements	PB97-108005
10-60	Placards, Forms, and Instructions Required to be Posted Aboard Vessels, Alternate Materials and Methods	PB97- 102966
12-61	Inspection Procedures for Approved Inflatable Life Rafis Held in Storage	PB97- 100408
2-62	Watertight Bulkheads in All Inspected Vessels Maintenance of Watertight Integrity	PB97-103014
9-62	Liquefied Compressed Gas Cargo Hose	PB97- 103022
2-63	Guide for Inspection and Repair of Lifesaving Equipment	PB97-108013
11-63	LSTs as Unmanned Barges; Structural Reinforcement and Drydocking; Hull Inspection Requirements	PB97-107155
1-65	24.0' x 8.0' x 3.58' Steel Lifeboats with Removable Interiors, Oar-Propelled (App. No.160.035/398/0), Hand-Propelled (App. No.160.035/411/0), and Motor-Propelled (App. No.160.035/412/0), Manufactured by Welin Davit & Boat, Perth Amboy, New Jersey, Replacement of Short Breast Plates	PB97- 107569
10-65	Stability Determination in Capsizing Cases Involving Uninspected Vessels	PB97- 100432
1-66	Requirements for Hull Structural Steel-Structural Continuity	PB97-107015
3-67	Alteration of Ship's Structure Which May Affect the Adequacy of Installed Safety Devices	PB97-100416
4-67	Application of Incombustible Insulation Requirements and Identification of Approved Materials	PB97-108385

<u>NVIC NUMBER</u>	<u>SUBJECT</u>	<u>NTIS SK NO</u>
3-68	Tensile Fasteners	PB97- 107981
4-68	Protective Equipment Required For Firemen's Outfits	PB97- 107023
7-68	Notes on Inspection and Repair of Steel Hulls	PB97- 107999
8-68	Classification of Vessels as Self-Propelled	PB97-10755 1
1-69	Automated Main and Auxiliary Machinery	PB97-107163
2-69	Submission of Reports for the Shipment and Discharge of Seamen Not Shipped or Discharged Before a Shipping Commissioner; Information Concerning	PB97- 107056
3-69	Z Nomograph Method of Calculating Available GM	PB97-107171
4-69	Inclusion of Social Security Numbers on Certificates of Discharge and Discharges for Masters	PB97-103170
8-69	Impulse-Projected Rocket Type Line- Throwing Appliances	PB97- 107007
12-69	Special Examination in Lieu of Drydocking For Large Mobile Drilling Units	PB97-108518
4-70	Powder Loads for Lyle Type Line- Throwing Guns	PB97- 103600
6-70	Fixed Fire Extinguishing Systems for Use In Galley Ventilating Equipment	PB97-108278
7-70	Marine Type Portable Fire Extinguishers	PB97-107601
1-71	Repair of Boiler Safety Valves	PB97-102958
2-71	Pipe Stress Analysis Calculations; Procedure for Submission of	PB97-107619
4-71	Valves Employing Resilient Material	PB97-103154
5-71	Index to 46 CFR Part 151 (Certain Bulk Dangerous Cargoes on Unmanned Tank Barges), Subchapter 0	PB97-108294

<u>NVIC NUMBER</u>	<u>SUBJECT</u>	<u>NTIS SK NO</u>
6-71	Monitoring Carbon Monoxide (CO) in Ship's Cargo Spaces	PB97- 107627
6-72	Guide to Fixed Fire-Fighting Equipment Aboard Merchant Vessels	PB97-107510
6-72, CH-1	Guide to Fixed Fire-Fighting Equipment Aboard Merchant Vessels	PB97-106991
3-73	Intact Stability Criteria for Passenger and Cargo Ships Under 100 Meters in Length	PB97-107635
7-73	Main Propulsion Boiler Automation	PB97- 107577
8-73 106983	Alternate Means of Determining the Weight of CO <sub>2</sub> in Fire Extinguishing Systems	PB97-
4-74 103162	Stability Information Required on Inspected and Uninspected United States Vessels Receiving a Load Line Certificate and Foreign Vessels Receiving Form B Load Line Certificates	PB97-
6-74	Elimination of Unsafe Conditions on Board Tank Barges	PB97-106926
7-74	Oil-Water Separators; Acceptance of	PB97-103139
7-74, CH-1	Oil-Water Separators; Acceptance of	PB97- 108047
2-75	Alteration of Existing Rafts to Comply with Improved Inflation Standards	PB97- 108039
3-75	Bulk Grain Cargoes	PB97-107031
2-76	Damage Stability Calculations for Tank Vessels	PB97- 107932
3-77	Code of Safe Practice for Ships Carrying Timber Deck Cargoes	PB97- 106967
4-77	Shifting Weights or Counter Flooding During Emergency Situations	PB97- 106959
5-77	Inspection of Hydraulic Starting Systems for Lifeboats and Survival Capsules	PB97-102941
1-78	Automation of Offshore Supply Vessels of 100 Gross Tons and Over Automation of Offshore Supply Vessels	PB97- 102891

1-78, CH-1

Automation of Offshore Supply Vessels  
of 100 Gross Tons and Over

PB97-102917

Enclosure (1) to NVIC 0-97

<u>NVIC NUMBER</u>	<u>SUBJECT</u>	<u>NTIS SK NO</u>
4-78	Inspection and Certification of Existing Mobile Offshore Drilling Units	PB97- 108427
4-78, CH-1	Inspection and Certification of Existing Mobile Offshore Drilling Units	PB97- 108443
2-79	Aluminum bus Bars	PB97-103188
3-79	Lifeboat Capacity on Foreign Flag Passenger Vessels	PB97- 106934
5-79	Inerting and Tank Cleaning Procedures for Alkylene Oxide Containment Systems	PB97- 108344
5-79, CH-1	Inerting and Tank Cleaning Procedures for Alkylene Oxide Containment Systems	PB97-10835 1
1-80	Inspection of Viking On-Load Release Gear on Watercraft America Lifeboats	PB97- 108369
2-80	Poured Metal Socket Connections for Lifeboat Falls	PB97-107916
6-80	Guide to Structural Fire Protection Aboard Merchant Vessels	PB97-107072
7-80	Use of Fire Detection Systems Which Are Not Approved Under 46 CFR 161.002	PB97- 107924
8-80	Fire Hazard of Polyurethane and Other Organic Foams	PB97-107007
9-80	Servicing Requirements of Inflatable Life Rafts	PB97-106975
11-80	Structural Plan Review Guidelines for Aluminum Small Passenger Vessels	PB97-108021
1-81	Guidance for Enforcement of the Requirements of the Port and Tanker Safety Act of 1978 (PTSA) Pertaining to SBT, CBT, COW, IGS, Steering Gear, and Navigation Equipment for Tank Vessels	PB97-107064
1-81, CH-1	Guidance for Enforcement of the Requirements of the Port and Tanker Safety Act of 1978 (PTSA) Pertaining to SBT, CBT, COW, IGS, Steering Gear, and Navigation Equipment for Tank Vessels	PB97- 103006

<u>NVIC NUMBER</u>	<u>SUBJECT</u>	<u>NTIS SK NO</u>
2-81	Coast Guard Inspection Guidance Regarding Integrated Tug Barge Combinations	PB97- 107783
2-81,CH-1	Coast Guard Inspection Guidance Regarding Integrated Tug Barge Combinations PB97- 108286	PB97- 108229
5-81	Literature Concerning Hazardous Cargoes	PB97- 108286
6-81	Lifeboat Weight Tests	PB97-107775
9-81	Coast Guard Guidance Regarding Shipboard Helicopter Facilities	PB97- 107049
10-81	Coast Guard Certification and Inspection of Certain Categories of Existing Vessels	PB97- 107544
10-81, CH1	Coast Guard Certification and Inspection of Certain Categories of Existing Vessels	
14-81	Stability Tests; Waiving of for "Sister Vessels"	PB97-107825
2-82	Letter Form Temporary Certificate of Identification/Service	PB97- 107148
4-82	Uninspected Commercial Vessel Safety	PB97-107460
5-82	Fixed Ballast	PB97- 108401
6-82	Servicing and Inspection of Inflatable Life Rafts Utilizing Voluntary Third Party Inspection Originations	PB97-107189
7-82	Sample Format of Vessel or Facility Station Bill	PB97- 107833
8-82	Load Line Certificates	PB97-107940
9-92	MSD Certification	PB97-108435
10-82, CH-1	Acceptance of Plan Review and Inspection Tasks Performed by the American Bureau of Shipping for New Construction or Major Modifications of U.S. Flag Vessels	PB97-108245
11-82	Deck Foam Systems for Polar Solvents	PB97- 107452

12-82	Recommendations on Control of Excessive Noise	PB97- 108237
		Enclosure (1) to NVIC 0-97

<u>NVIC NUMBER</u>	<u>SUBJECT</u>	<u>NTIS SK NO</u>
13-82	Cross Reference List Between the IMO Chemical Code and 46 CFR Part 153	PB97- 107437
16-82	Appeal of Coast Guard Commercial Vessel Decisions and Actions	PB97- 107965
17-82	Intact Stability of Small Vessels; Recommendations	PB97- 107866
18-82 107858	Form B Load Lines; Procedures for Issuance of Certificates	PB97-
1-83	Painters for Life Floats and Buoyant Apparatus	PB97-107841
2-83	Smith and Wesson Line Thrower Rockets	PB97-102974
3-83	Voluntary Qualifications for U.S. Merchant Marine Entry-Ratings	PB97- 107767
5-83	Unified Interpretations of the International Convention on Load Lines, 1996	PB97- 107429
8-83	Guidance for Compliance with Annex I of the International Convention for the Prevention of Pollution from Ships, 1973, as Modified by the Protocol of 1978 Relating Thereto (MARPOL 73/78)	PB97- 107205
9-83	Coast Guard Guidance Regarding Requirement for Charts and Publications	PB97- 107650
10-83	Stability Approval and the Issuance of Stability Letters	PB97-107676
11-83	Regulations for Very Large 46 CFR Subchapter T Passenger Vessels	PB97-107080
11-83,CH-1	Regulations for Very Large 46 CFR Subchapter T Passenger Vessels	PB97-100424
12-83	Intact Stability of Towing and Fishing Vessels; Research Results	PB97- 107502
13-83	Coast Guard Retention of Commercial Vessel Plan Review Case Files	PB97- 107742
1-84	Lack of Top stitching on Some Type I	PB97- 107809



Personal Flotation Devices (PFDs)

Enclosure (1) to NVIC 0-97

<u>NVIC NUMBER</u>	<u>SUBJECT</u>	<u>NTIS SK NO</u>
2-84 03477	Amendments to the 1974 Safety of  Life at Sea (SOLAS) Treaty	PB97-
3-84,CH-1	Stability Related Review Performed by the American Bureau of Shipping for Load Line U.S. Flag Vessels	PB97- 107478
4-84	Equivalent Determination for Existing, Installed Oil-Water Separators Which Have Not Received U.S. Coast Guard Approval	PB97-107817
6-84	Automated Main and Auxiliary Machinery; Supplemental Guidance On	PB97-107791
7-84	Outer Continental Shelf (OCS) Citizenship Requirement; Exemptions from	PB97- 106942
8-84	Recommendations for the Submittal of Merchant Vessel Plans and Specifications	PB97- 106942
9-84	Electrical Installations in Agricultural Dust Locations	PB97- 107882
11-84	Guidelines for New Construction or Major Modification of U.S. Flag Vessels in Foreign Shipyards	PB97- 107890
2-85	Notification to the U.S. Coast Guard for Enforcement of Load Line Requirements	PB97-107130
3-85	Bulk Liquid Cargo Finding Aid	PB97- 102925
4-85	Recalls and Other Corrective Measures for Lifesaving Equipment	PB97-107726
4-85,CH-1	Recalls and Other Corrective Measures for Lifesaving Equipment	PB97- 107734
4-85,CH-2	Recalls and Other Corrective Measures for Lifesaving Equipment	PB97-102990
10-85	Oversight of Technical and Administrative Aspects of Load Line Assignment	PB97- 103303
11-85	Coast Guard Guidance Regarding Requirements for Automatic Radar Plotting Aid (ARPA) and Device to Indicate Speed	PB97- 107486

and Distance (Speed Log)

Enclosure (1) to NVIC 0-97

<u>NVIC NUMBER</u>	<u>SUBJECT</u>	<u>NTIS SK NO</u>
1-86 103527	Shipment and Discharge of Seamen	PB97-
4-86	Hydraulic Release Units for Life Rafts, Life Floats, and Buoyant Apparatus, and Alternate Float-Free Arrangements	PB97- 103451
5-86	Voluntary Standards for U.S. Uninspected Commercial Fishing Vessels	PB97- 107973
7-86	Information on the Adequacy and Currency of Nautical Charts	PB97-102875
8-86	Coast Guard Relationships with Classification Societies for U.S. Flag Vessels	PB97- 100481
10-86	Equivalence to Minimum Bow Height Requirements for Load Line Assignment	PB97-103535
11-86	Guidelines Governing the Use of Fiberglass Pipe (FGP) on Inspected Vessels	PB97-107759
12-86	Replacement of Flame Safety Lamps with Combination Oxygen/Combustible Gas Indicators	PB97- 100986
13-86	Use of Underwriters Laboratories (UL) Listed Fire Extinguishers	PB97-1031 13
1-87	Installation of Retroreflective Material On Lifesaving Equipment	PB97- 103089
2-87	Domestic Barge Transportation of Radioactive Materials/Nuclear Waste	PB97- 103477
3-87	Implementation of 1983 SOLAS Amendments on Lifesaving Appliances and Arrangement	PB97-103121
4-87	Report of Inadequate Reception Facilities	PB97- 103287
5-87	Guidance on Implementation of Annex II of the MARPOL Protocol of 73/78 for Vessels Carrying Noxious Liquid Substances ~LS) in Bulk	PB97-103352
6-87	Recommended Procedures for Control of Asbestos and Other Respiratory Hazards on Board Merchant Vessels, Outer Continental	PB97- 103360

## Shelf (OCS) Facilities and Deepwater Ports

<u>NVIC NUMBER</u>	<u>SUBJECT</u>	<u>NTIS SK NO</u>
7-87	Guidance on Waterborne Transport of Oil Field Wastes	PB97- 103444
8-87	Notes on Design, Construction, Inspection and Repair of Fiber Reinforced Plastic (FRP) Vessels	PB97-100291
8-87, CH-1	Notes on Design, Construction, Inspection and Repair of Fiber Reinforced Plastic (FRP) Vessels	PB97- 103261
1-88	International Load Line Certificates for Small Passenger Vessels Operating Within 20 Miles of the Mouth of a Harbor of Safe Refuge	PB97-103097
1-88, CH-1	International Load Line Certificates for Small Passenger Vessels Operating Within 20 Miles of the Mouth of a Harbor of Safe Refuge	PB97- 103485
2-88	Inerting Requirements for Chemical Tankers and Gas Carriers	PB97-102909
3-88	Issuance of Letters of Compliance to Foreign Documented Mobile Offshore Drilling Units Operating on the Outer Continental Shelf of the United States	PB97- 107445
1-89	Underwater Survey Guidance	PB97- 100275
2-89	Guide for Electrical Installations on Merchant Vessels and Mobile Offshore Drilling Units	PB97-107122
3-89	Guidelines for the Presentation of Stability Information for Operating Personnel	PB97-107668
4-89	Introduction to Human Factors Engineering	PB97- 103345
5-89	Guidelines for Nondestructive Testing of Pressure Vessel Type Cargo Tanks Aboard Tank Barges	PB97- 100564
6-89	Physical Evaluation Guidelines for Merchant Mariner's Documents and Licenses	PB97-107106
7-89	Maneuvering Information	PB97- 100523
8-89	Recommendations Concerning Emergency Towing of Tankers	

<u>NVIC NUMBER</u>	<u>SUBJECT</u>	<u>NTIS SK NO</u>
2-90	Recommended Standards for Double Hulls to be Fitted on New Tank Vessels or Retrofitted on Existing Tank Vessels	PB97-103196
2-90,CH- I	Recommended Standards for Double Hulls to be Fitted on New Tank Vessels or Retrofitted on Existing Tank Vessels	PB97-100507
1-91	Recommended Qualifications for Small Passenger Vessel Deckhands	PB97- 107593
2-91	International Maritime Organization (IMO) Resolution A.673 (16), "Cooperation in Maritime Casualty Investigations"	PB97-108377
4-91	Pilot Transfer Arrangements	PB97- 107494
5-91 108476	Inspection and Certification of River Barges Carrying Occupied Recreational Vehicles (RVs)	PB97-
6-91	Fire Drills and On-Board Training	PB97-100531
7-91 100515	Determination of Cold Water Areas	PB97-
8-91	Initial and Subsequent Inspection of Existing, Uncertificated Offshore Supply Vessels, Including Lifeboats	PB97- 108302
10-91	Inspection and Certification of Floating Detention Facilities	PB97- 100556
11-91	Ocean Tow of Jackup Drilling Units	PB97- 102883
12-91	Termination of Unsafe Operations Aboard Commercial Fishing Industry Vessels	PB97- 100366
13-91 108500	Fishing Industry Vessel Third Party Examination and Procedures for Designation of "Accepted Organizations" and "Similarly Qualified Organizations"	PB97-
13-91,CH-1 100366	Fishing Industry Vessel Third Party Examination and Procedures for Designation of "Accepted Organizations" and "Similarly Qualified Organizations"	PB97-
15-91	Critical Areas Inspection Plans (CAIPs)	PB97- 100333

15-91, CH-1

Critical Areas Inspection Plans (CAIPs)

PB97- 00382

Enclosure (1) to NVIC 0-97

<u>NVIC NUMBER</u>	<u>SUBJECT</u>	<u>NTIS SK NO</u>
16-91	Special Fire Protection Systems for Atriums	PB97- 100309
17-91	Guidelines for Conducting Stability Tests	PB97-108310
1-92	Lifesaving Equipment Regulations for Commercial Fishing Vessels	PB97- 103493
1-92, CH-1	Implementation of Lifesaving Equipment Requirements for Commercial Fishing Vessels	PB97-103 147
1-92, CH-2	Implementation of Lifesaving Equipment Requirements for Commercial Fishing Vessels	PB97-100440
2-92	Survival Equipment for Lifeboats and Liferafts	PB97-107197
3-92	Recommended Program for Protection of Merchant Mariners from Occupational Health Problems	PB97- 107536
4-92	Recommended Intact and Damage Stability Design Criteria for New Tank Vessels	PB97- 103220
5~92	Guidelines for Wire Rope Towing Hawsers	PB97-103238
6-92	Implementation of the Benzene Regulations of Title 46, Code of Federal Regulations, Part 197 (46 CFR 197)	PB97- 103295
6-92,CH-1	Implementation of the Benzene Regulations of Title 46, Code of Federal Regulations, Part 197 (46 CFR 197)	PB97- 100374
10-92	Coast Guard Recognition of Registered Professional Engineer Certification of Compliance with Coast Guard Requirements	PB97-103071
10-92,CH-1	Coast Guard Recognition of Registered Professional Engineer Certification of Compliance with Coast Guard Requirements	PB97- 108393
11-92	Guidance for Acceptance of the National Board of Boiler and Pressure Vessel Inspectors ~BBI) National Board Inspection Code (NBIC) for Repairs and Alterations to Boilers and Pressure	PB97- 100499

## Vessels

Enclosure (1) to NVIC 0-97

<u>NVIC NUMBER</u>	<u>SUBJECT</u>	<u>NTIS SK NO</u>
13-92	Captain of the Port Zone Boundaries	PB97-100317
14-92	Suitability of Extended Size and Certain Adult Life Preservers for Some Children	PB97- 100473
1-93	Control Verification Examinations (CVEs) of Foreign Passenger Vessels	PB97-107718
4-93	Subdivision and Damage Stability of Dry Cargo Vessels	PB97-107700
5-93	Guidance for Certification of Passenger Carrying Submersibles	PB97- 107692
6-93	Termination of Coast Guard Type Approval for Gas Mask/Self Contained Breathing Apparatus	PB97-100358
7-93	Guidelines for Acceptance of "Fishing Vessel Safety Instructors" and Course Curricula for Training "Fishing Vessel Drill Conductors"	PB97- 100390
8-93	Equivalent Alternatives to 46 CFR Subchapter H Requirements Related to Means of Escape, Safe Refuge Areas and Main Vertical Zone Length	PB97- 107908
9-93	Emergency Position Indicating Radiobeacons (EPIRBs) and Other Radio Lifesaving Equipment for Inspected Vessels and Uninspected Commercial Vessels	PB97- 103436
10-93	Guide to the Acceptance of National Fire Protection Association Code No.13 for Automatic Sprinkler System Design, Installation and Maintenance	PB97- 107684
11-93	Applicability of Tonnage Measurement Systems to U.S. Flag Vessels	PB97- 108328
11-93,CH-1	Applicability of Tonnage Measurement Systems to U.S. Flag Vessels	PB97- 108526
1-94	Marking of Life Preservers and PFDs	PB97- 107643
2-94	Guidance Regarding Voluntary Compliance with the International Management Code for the Safe Operation of Ships and for	PB97- 103253

## Pollution Prevention

Enclosure (1) to NVIC 0-97

<u>NVIC NUMBER</u>	<u>SUBJECT</u>	<u>NTIS SK NO</u>
3-94	International Maritime Organization Code for the Safe Carriage of Irradiated Nuclear Fuel, Plutonium and High-Level Radioactive Wastes in Flasks on Board Ships (IMO Resolution A.748(18)).	PB97-103279
4-94	Elimination of Coast Guard Plan Review for Non Critical Engineering Systems and Cargo Barges	PB97- 100325
5-94	Requirements for Vessels Carrying Bulk Grain Cargo	PB97-103519
6-94	Guidance for Issuing International Oil Pollution Prevention (IOPP) Certificates Under Annex I of the International Convention for the Prevention of Pollution from Ships, 1973, as Modified by the Protocol of 1978 Relating Thereto (MARPOL 73/78)	PB97- 103543
6-94, CH-1	Guidance for Issuing International Oil Pollution Prevention (IOPP) Certificates Under Annex I of the International Convention for the Prevention of Pollution from Ships, 1973, as Modified by the Protocol of 1978 Relating Thereto (MARPOL 73/78)	PB97- 102933
7-94	Guidance on the Passenger Vessel Safety Act of 1993	PB97-107528
8-94	Issues Regarding Federal Pilotage	PB97-103337
9-94	Guidelines for Training and Certification in the Use of Marine Radar	PB97- 100549
10-94	Guidance for Determination and Documentation of the Oil Pollution Act of 1990 (OPA 90) Phase-Out Schedule for Existing Single Hull Vessels Carrying Oil in Bulk	PB97-107585
1-95	Voluntary Training Standards for Entry-Level Personnel on Towing Industry Vessels	PB97- 103063
2-95	U.S. Coast Guard's ABS Based Alternate Compliance	PB97-10331 1
3-95	Periodic Inspection and Testing of Fixed	PB97- 103329



Halon Fire Fighting Equipment Aboard  
Merchant Vessels

Enclosure (1) to NVIC 0-97

<u>NVIC NUMBER</u>	<u>SUBJECT</u>	<u>NTIS SK NO</u>
4-95	Fire Safety Standards for Foreign Passenger Vessels Constructed Before 1 October 1994	PB97- 103246
5-95 103055	Guidelines for Organizations Offering Coast Approved Courses	PB97-
6-95	Maneuvering Standards	PB97- 102859
7-95	Guidance on Inspection, Repair and Maintenance of Wooden Hulls	PB97- 100465
8-95	Issuance of International Form Required by the STCW to Validate Merchant Mariner Licenses and Documents	PB97- 103048
1-96	Safety Standards for the Design and Operation of a Marine Vapor Control System (VC S) at Tank Barge Cleaning Facilities	
2-96	Inspection of Cargo Handling Gear Prior to Explosives Handling Operations	
3-96	Security for Passenger Vessels and Passenger Terminals	

The Following NVICs have been deleted and are no longer effective

<u>NVIC NUMBER</u>	<u>SUBJECT</u>	<u>NTIS SK NO</u>
12-92	Guidelines for the Classification and Inspection of Oil Spill Removal Organizations (OSROs)	N/A

**Enclosure 2, List of Effective NVICs, by title**

<b>Title</b>	<b>NVIC Number</b>
ABS Based Alternate Compliance Program; U.S. Coast Guard's	2-95
ABS Plan Review and Inspection	10-82, CH-2
Alkylene Oxide Containment Systems; Inerting and Cleaning	5-79, CH-1
Aluminum Bus Bars	2-79
Aluminum Small Passenger Vessels; Structural Plan Review	11-80
Appeals, Procedures for Making	16-82
Applicability of Tonnage Measurement Systems to U.S. Flag Vessels	11-93
Applicability of Tonnage Measurement Systems to U.S. Flag Vessels	11-93, CH-1
Approved Materials; Incombustible Insulation	4-67
Asbestos Hazards, Control of	6-87
Atriums; Special Fire Protection Systems for	16-91
Automated Main and Auxiliary Machinery	1-69
Automated Main and Auxiliary Machinery, Supplemental Guidance	6-84
Automatic Radar Plotting Aid (ARPA), Requirements for	11-85
Automatic Sprinkler System Design, Installation and Maintenance; Guide to the Acceptance of National Fire Protection Association Code No.13 for	10-93
Automation, Main Propulsion Boiler	7-73
Automation; OSVs Over 100 Gross Tons	1-78, CH-1
Ballast, Fixed; Use of Special Materials	5-82
Ballast Tanks, Segregated and Dedicated	1-81, CH-1
Benzene Regulations of Title 46, Code of Federal Regulations, Part 197 (46 CFR 197), Implementation of	6-92
Benzene Regulations of Title 46, Code of Federal Regulations, Part 197 (46 CFR 197), Implementation of	6-92, CH-1
Boiler Safety Valves, Repair of	1-71
Boilers, Automation of Main Propulsion	7-73
Bow Height; Minimum for Load Line Assignment	10-86
Bulk Dangerous Cargoes; Index to 46 CFR Part 151	5-71
Bulk Grain Cargo; Requirements for Vessels Carrying	5-94
Bulk Grain Cargoes, SOLAS Requirements	3-75
Bulk Liquid Cargo Finding Aid	3-85
Captain of the Port Zone Boundaries	13-92
Carbon Monoxide; Monitoring in Cargo Spaces	6-71
Cargo Hose, Liquefied Compressed Gas	9-62
Cargo Oil; Definitions of Paraffinic Hydrocarbons	4-72
Cargo Spaces; Monitoring Carbon Monoxide	6-71
Cargo Tanks, Guide for Nondestructive Testing Aboard Tank Barges	5-89
Cargoes, Hazardous; Literature Concerning	5-81
Cargoes; Subchapter 0 Index	5-71
Cargoes; Timber Deck Safety	3-77
Certificates of Discharge; Social Security Numbers	4-69
Charts and Publications, Requirements for	9-83

Charts, Nautical, Adequacy and Currency of	7-86
Chemical Carriers; Inerting Requirements	2-88
Cold Water Areas; Determination of	7-91

Enclosure (2) to NVIC 0-97

<b>Title</b>	<b>NVIC Number</b>
Commercial Fishing Industry Vessels; Termination of Unsafe Operations Aboard	12-91
Containment Systems; Inerting and Tank Cleaning	5-79
Control Verification Examinations (CV Es) of Foreign Passenger Vessels	1-93
Critical Area Inspection Plans (CAIPs)	15-91
Critical Area Inspection Plans (CAIPs)	15-91, CH-1
Crude Oil Washing (COW) Systems	1-81, CH-1
Device to Indicate Speed and Distance, Requirements for	11-85
Discharge Certificates; Social Security Numbers	4-69
Double Hulls to be Fitted on New Tank Vessels or Retrofitted on Existing Tank Vessels; Recommended Standards for	2-90
Electrical Installations in Agricultural Dust Locations	9-84
Electrical Installations on Merchant Vessels and Mobile Offshore Drilling Units (MODUs)	2-89
Emergency Position Indicating Radiobeacons (EPIRBs) and Other Radio Lifesaving Equipment for Inspected Vessels and Uninspected Commercial Vessels	9-93
Engineering, Introduction to Human Factors	4-89
Equivalent Alternatives to 46 CFR Subchapter H Requirements Related to Means of Escape, Safe Refuge Areas, and Main Vertical Zone Length	8-93
Existing Vessels, Inspection and Certification of	10-81, CH-1
Explosives Handling Operations, Inspection of Cargo Handling Gear Prior to	2-96
Federal Pilotage; Issues Regarding	8-94
Fiber Reinforced Plastic (FRP) Pipe	8-87
Fiberglass Pipe (FGP)	11-86
Fire Detection Systems Not Approved Under 161.002	7-80
Fire Drills and On-Board Training	6-91
Fire Extinguishers; Marine Type Portables	7-70
Fire Extinguishers; Use of UL Listed Extinguishers	13-86
Fire Extinguishing Systems; Deck Foam Systems for Tank Vessels	11-82
Fire Extinguishing Systems; Determining Weight of CO2	8-73
Fire Extinguishing Systems; Fixed Systems	6-72, CH-1
Fire Extinguishing Systems for Galley Vents	6-70
Fire Hazards of Polyurethane and Other Organic Foams	8-80
Fire Protection (see also Structural Fire Protection)	6-80
Fire Safety Amendments, 1992, to the International Convention for the Safety of Life at Sea, 1974	3-93
Fire Safety Standards For Foreign Passenger Vessels Constructed Before 1 October 1994	4-95
Fireman's Outfit; Protective Equipment Required	4-68
Fishing Industry Vessel Third Party Examination and Procedures for Designation of "Accepted organizations" and "Similarly Qualified Organizations"	13-91
"Fishing Vessel Safety Instructors" and Course Curricula for Training "Fishing Vessel Drill Conductors Guidelines for Acceptance of	7-93
Fishing Vessels, Voluntary Standards for	5-86
Fixed Ballast; Use of Special Materials	5-82
Floating Detention Facilities; Inspection and Certification of	10-91

Foreign Shipyards; New Construction and Major Modification	11-84
Gas Carriers; Inerting Requirements	2-88
Gas Mask/Self Contained Breathing Apparatus; Termination of Coast Guard Type	6-93

Enclosure (2) to NVIC 0-97

<b>Title</b>	<b>NVIC Number</b>
Approval for	
Guidelines for Acceptance of "Fishing Vessel Safety Instructors" and Course Curricula for Training "Fishing Vessel Drill Conductors"	7-93
Guidelines for Organizations Offering Coast Guard Approved Courses	5-95
Guide to the Acceptance of National Fire Protection Association Code No. 13 for Automatic Sprinkler System Design, Installation and Maintenance	10-93
Hazardous Cargoes, Literature Concerning	5-81
Helicopter Facilities, Guidance for	9-81
Human Factors Engineering, Introduction to	4-89
IMO Chemical Code; Cross Reference with 46 CFR 153	13-82
Impulse-Projected Rocket Type Line-Throwing Appliances	8-69
Inert Gas Systems (IGS) 1-81, CH-1	
Inerting Requirements for Chemical Tankers and Gas Carriers	2-88
Information Required to be Posted	10-60
Insulation; Identification of Approved Incombustible Materials	4-67
Intact and Damage Stability Design Criteria for New Tank Vessels	4-92
International Load Line Certificates for Small Passenger Vessel Operating Within 20 Miles of the Mouth of a Harbor of Safe Refuge	1-88, CH-1
International Management Code for the Safe Operation of Ships and for Pollution Prevention; Guidance Regarding Voluntary Compliance	2-94
International Maritime Organization (IMO) Resolution A.637(16), "Cooperation in Maritime Casualty Investigations,"	2-91
IOPP Certificates; Guidance for Issuing	6-94, CH-1
IOPP; Guidance for Compliance with Annex I	8-83
Irradiated Nuclear Fuel, Plutonium and High-Level Radioactive Wastes in Flasks on Board Ships (IMO Res. A.748(18)); IMO Code for Safe Carriage of	3-94
Issuance of Letters of Compliance to Foreign Documented Mobile Offshore Drilling Units Operating on the Outer Continental Shelf of the United States	3-88
Issuance of International Form Required by The STCW to Validate Merchant Mariner Licenses and Documents	8-95
ITB Combinations; Inspection Guidance	2-81, CH-1
Jackup Drilling Units; Ocean Tow of	11-91
Letter of Compliance (LOC); Foreign MODUs	3-88
Life Rafts; Compliance with Improved Inflation Standards	2-75
Life Rafts; Inspection of Stockpiled Rafts	12-61
Life Rafts; Servicing and Inspection by 3rd Party Organizations	6-82
Life Rafts; Servicing Requirements for Inflatables	9-80
Lifeboat Capacity on Foreign Passenger Vessels	3-79
Lifeboat Falls; Poured Metal Socket Connections	2-80
Lifeboat Weight Tests	6-81
Lifeboats; Inspection of Hydraulic Starting Systems	5-77
Lifeboats; Inspection of Viking On-Load Release Gear	1-80
Lifeboats; 24' Steel Welin	1-65
Life Preservers and PFDs; Marking of	1-94
Life Preservers; Suitability of Extended Size and Certain	4-92

I Adult Life Preservers for Some Children	3-87
Lifesaving Appliances; Implementation of 1983 SOLAS Arrangements	4-86

Title	Enclosure (2) to NVIC 0-97	
	NVIC	Number
Lifesaving Equipment; Float Free Arrangement	4-86	
Lifesaving Equipment; Hydrostatic Release Units (HRU)	2-63	
Lifesaving Equipment; Inspection and Repair	1-87	
Lifesaving Equipment; Installation of Retroreflective Material		1-83
Lifesaving Equipment; Life Float Painters	4-85, CH-2	
Lifesaving Equipment; Recalls and Other Corrective Measures	1-92	
Lifesaving Equipment Requirements for Commercial Fishing Vessels	1-92, CH-1	
Lifesaving Equipment Requirements for Commercial Fishing Vessels; Implementation of	1-92, CII-2	
Lifesaving Equipment Requirements for Commercial Fishing Vessels; Implementation of	1-84	
Lifesaving Equipment; Topstitching on Type I PFDs		
Line-Thrower Rockets, Smith and Wesson	2-83	
Line-Throwing Appliances, Impulse-Projected Rocket Type	8-69	
Line-Throwing Guns, Powder Loads for Lyle Type	4-70	
Liquefied Compressed Gas Cargo Hose	9-62	
Load Line Certificates, Filing of	8-82	
Load Lines; Enforcement Notification	2-85	
Load Lines; Form B Procedures	18-82	
Load Lines; Minimum Bow Height		10-86
Load Lines; Oversight	10-85	
Load Lines; Small Passenger Vessels on Partially Protected Routes	1-88	
Load Lines; Stability Information Required	4-74	
Load Lines; Unified Interpretation of ILL 1966	5-83	
LOC Exam; Foreign Documented MODUs	3-88	
LSTs, Manned	7-56	
LSTs, Unmanned	11-63	
Machinery, Automation of		1-69
Main Vertical Zone Length; Equivalent Alternatives to 46 CFR Subchapter H Requirements Related to Means of Escape, Safe Refuge Areas, and	8-93	
Maneuvering Information	7-89	
Maneuvering Standards	6-95	
Marine Radar; Guidelines for Training and Certification in the Use of	9-94	
MARPOL; Compliance with Annex I of IOPP	8-83	
MARPOL; Guidance on Implementation of Annex II	5-87	
MARPOL; Reporting of Inadequate Reception Facilities	4-87	
MARPOL; Tank Vessel Safety	1-81, CH-1	
Merchant Mariner's Documents and Licenses, Physical Evaluation Guidelines for	6-89	
Merchant Vessels, Electrical Installations	2-89	
MODUs; Electrical Installations	2-89	
MODUs; Inspection and Certification	4-78, CH-1	
MODUs; Letters of Compliance (LOC)	3-88	
MODUs; Special Exam in Lieu of Drydocking	12-69	
MSD Certification	9-82, CH-1	
National Board of Boiler and Pressure Vessel Inspectors ~BBI) National Board Inspection Code ~BIC) for Repairs and Alterations to Boilers and	11-92	



<b>Title</b>	<b>NVIC Number</b>
Installation and Maintenance; Guide to the Acceptance of Navigation Equipment for Tank Ships	1-81
New Construction and Major Modification in Foreign Shipyards	11-84
Noise; Control of Excessive Noise	12-82
Non Critical Engineering Systems and Cargo Barges; Elimination of Coast Guard Plan Review for	4-94
Notes on Design, Construction, Inspection and Repair of Fiber Reinforced Plastic (FRP) Vessels	8-87
Noxious Liquid Substances ~LS) in Bulk; MARPOL	5-87
Nuclear Waste, Transportation of	2-87
Occupational Health Problems; Recommended Program for Protection of Merchant Mariners	3-92
OCS Citizenship Requirements, Exemptions from	7-84
Offshore Supply Vessels; Initial and Subsequent Inspection of Existing, Uncertificated, Including Liftboats	8-91
Oil Field Wastes, Waterborne Transportation of	7-87
Oil-Water Separators, Acceptance of	7-74, CH-1
Oil-Water Separators; Determination of Equivalence	4-84
OPA 90 Phase-Out Schedule for Existing Single Hull Vessels Carrying Oil in Bulk; Guidance for Determination and Documentation of	10-94
OSVs, Automation of Vessels Over 100 Gross Tons	1-78, CH-1
Passenger Carrying Submersibles; Guidance for Certification of	5-93
Passenger Vessel Safety Act of 1993; Guidance	7-94
Passenger Vessels; Very Large T-Boats	11-83
Periodic Inspection and Testing of Fixed Halon Fire Fighting Equipment Aboard Merchant Vessels	3-95
Physical Evaluation Guidelines for Merchant Mariner's Documents and Licenses	6-89
Pilot Transfer Arrangements	4-91
Pipe, Fiber Reinforced Plastic (FRP)	8-87
Pipe, Fiberglass (FGP)	11-86
Pipe; Stress Analysis Calculations, Submission of	2-71
Plan Review and Inspection by ABS	10-82, CH-2
Plan Review; Elimination for Non Critical Engineering Systems and Cargo Barges	4-94
Plan Review; Retention of Case Files	13-83
Plans and Specifications, Submittal of	8-84
Polar Solvents; Deck Foam Systems for Tank Vessels	11-82
Port and Tanker Safety Act; Guidance for Enforcement CH-1	1-81,
Posted Forms, Placards and Instructions	10-60
Pressure Vessel Type Cargo Tanks Aboard Tank Barges, Guidelines for Nondestructive Testing of	5-89
Radioactive Materials, Transportation of	2-87
Reception Facilities; Reporting of Inadequacies	4-87
Reflagging; Certification of Existing Vessels	10-81, CH-1
Registered Professional Engineer Certification of Compliance with Coast Guard Requirements	10-92
Reports for Shipment and Discharge of Seamen	2-69
Respiratory Hazards, Control of	6-87

<b>Title</b>	<b>NVIC Number</b>	
River Barges Carrying Occupied Recreational Vehicles (RVs); Inspection and Certification of	5-91	
Rivets; Inspection and Repair of Tensile Fasteners	3-68	
Safe Practice on Timber Carrying Vessels	3-77	
Safety Devices; Effects of Structural Alterations	3-67	
Safety of Uninspected Commercial Vessels	4-82	
Safety on Tank Barges	6-74	
Safety Standards for the Design and Operation of a Marine Vapor Control System (VCS) at Tank Barge Cleaning Facilities	1-96	
Seaman; Certificate of Discharge	4-69	
Seaman Documents, Temporary Certificate of Identification Service	2-82	
Seaman; Shipment and Discharge of	1-86	
Seaman; Voluntary Qualification Standards	3-83	
Security for Passenger Vessels and Passenger Terminals	3-96	
Self-Propelled Vessels, Classification of	8-68	
Shipboard Helicopter Facilities	9-81	
Sister Vessels; Stability Tests Waived	14-81	
Small Passenger Vessel Deckhands; Recommended Qualifications	1-91	
SOLAS; Amendments to 1974 Treaty	2-84	
SOLAS; Implementation of 1983 Amendments	3-87	
SOLAS Requirements for Carriage of Grain	3-75	
Stability; Affects of Counter Ballasting	4-77	
Stability Approval and Stability Letters	10-83	
Stability; Damage Calculations for Tank Vessels	2-76	
Stability Determination in Capsizing Cases	10-65	
Stability; Fixed Ballast	5-82	
Stability; IMCO Intact Criteria for Vessels Under 100 Meters	3-73	
Stability Information for Operating Personnel, Guidelines for Presentation of	3-89	
Stability Information Required for Load Line Certificate	4-74	
Stability; Intact for Small Vessels	17-82	
Stability of Towing and Fishing Vessels	12-83	
Stability Tests; Guidelines for Conducting	17-91	
Stability Tests; Waiving for Sister Vessels	14-81	
Stability; Z Nomograph Method for Computing GM	3-69	
Station Bills; Sample Format for Vessels or Facility	7-82	
Steel Hull Inspection and Repair	7-68	
Steering Gear; Port and Tanker Safety Act	1-81	
Structural Alterations; Effects on Safety Devices	3-67	
Structural Connections with Bolts, Rivets and Lockpins	3-68	
Structural Continuity of Steel Hulls		1-66
Structural Fire Protection	6-80	
Structural Fire Protection; Incombustible Insulation	4-67	
Structural Review of Aluminum T-Boats	11-80	
Subchapter 0; Index to 46 CFR Part 151	5-71	
Subdivision and Damage Stability of Dry Cargo Vessels	4-93	
Submersibles; Guidance for Certification of Passenger Carrying	5-93	
Survival Capsules; Inspection of Hydraulic Starting Systems	5-77	
Survival Equipment for Lifeboats and Liferafts	2-92	



<b>Title</b>	<b>NVIC Number</b>
T-Boats; Guidance for Very Large Passenger Vessels 83,CH-1	11-
Tank Barges; Elimination of Unsafe Practices	6-74
Tank Barges, Guide for Nondestructive Testing of Pressure Vessel Type Cargo Tanks Aboard	5-89
Tankers, Recommendations Concerning Emergency Towing of Tank Vessel Damaged Stability Calculations	8-89 2-76
Tank Vessel Standards; Port and Tanker Safety Act	1-81, CH-1
Tank Vessels; ARPAs	11-85
Tensile Fasteners, Inspection and Repair of	3-68
Termination of Coast Guard Type Approval for Gas Mask/Self Contained Breathing Apparatus	6-93
Testing, Guide for Nondestructive Testing of Pressure Vessel Type Cargo Tanks Aboard Tank Barges	5-89
Tonnage Measurement Systems to U.S. Flag Vessels; Applicability of	11-93
Tonnage Measurement Systems to U.S. Flag Vessels Applicability of	11-93, CH-1
Underwater Survey Guidance	1-89
Uninspected Commercial Fishing Vessels; Voluntary Standards	5-86
Uninspected Commercial Vessel Safety	4-82
Uninspected Vessel Stability	10-65
Valves, Boiler Safety	1-71
Valves Employing Resilient Material	4-71
Voluntary Standards for U.S. Uninspected Commercial Fishing Vessels	5-86
Voluntary Training Standards for Entry-Level Personnel On Towing Industry Vessels	1-95
Watertight Bulkheads, Integrity of	2-62
Wire Rope Towing Hawsers; Guidelines	5-92
Wooden Hulls, Guidance on Inspection Repair and Maintenance	7-95
Z Nomograph Method for Calculating GM	3-69
Zone Boundaries; Captain of the Port	13-92